

**PHTHALOCYANINE PRECURSORS  
IN INFRARED SENSITIVE COMPOSITIONS**

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**ABSTRACT OF THE DISCLOSURE**

Compositions and methods for production of color images using  
phthalocyanine precursor-containing color forming compositions are described.

- 10 The color forming composition can include a phthalocyanine precursor, an  
infrared absorber, and a binder. The color forming composition can be optimized  
for development in less than 1 msec using infrared radiation. The phthalocyanine  
precursor can include a phthalocyanine and a leaving group, or groups, each  
coordinated to a metal. The color forming compositions are ambient light stable  
15 and are useful in forming images on a wide variety of substrates.

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